CW/HW#98: Inscribed vs. Circumscribed

Geometry  
Due: Wednesday, March 16th, 2016

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

YWBAT draw inscribed and circumscribed shapes.

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| 1. Draw a square inscribed in a circle. | | 2. Draw a triangle circumscribed by a circle. | |
| 3. Draw a circle inscribed in a square. | | 4. Draw a circle circumscribed by a quadrilateral. | |
| 5. Draw in the radius.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.16.32 PM.png | | 6. Draw in the radius.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.16.16 PM.png | |
| 7. What would you call this?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.25.08 PM.png | 8. What would you call this?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.25.08 PM.png | | 9. What would you call this?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.25.08 PM.png |

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| 7.  a, What is the radius of the circle?  b. What is the side length of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.19.57 PM.png | 8.  a. What is the radius of the circle?  b. What is the side length of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.20.08 PM.png |
| 9.  a. What is the radius of the circle?  b. What is the side length of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.19.24 PM.png | 10.  a. What is the radius of the circle?  b. What is the side length of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.21.41 PM.png |
| 11.  a. What is the radius of the circle?  b. What is the side length of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.21.48 PM.png | 12.  a. What is the radius of the circle?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.29.03 PM.png |

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| 13.  a, What is the area of the circle?  b. What is the area of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.19.57 PM.png | 14.  a. What is the area of the larger circle?  b. What is the area of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.20.08 PM.png |
| 15.  a. What is the area of the circle?  b. What is the area of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.19.24 PM.png | 16.  a. What is the area of the circle?  b. What is the area of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.21.41 PM.png |
| 17.  a. What is the area of the circle?  b. What is the area of the square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.21.48 PM.png | 18.  a. What is the area of the circle?  b. What is the area of the inner square?  c. What is the area of the outer square?  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2016-03-13 at 11.29.03 PM.png |